

FILE 'HCAPLUS, WPIX, JICST-EPLUS, CEABA-VTB, INSPEC, COMPENDEX' ENTERED
AT 08:31:51 ON 01 DEC 2004

L1 80 SEA ABB=ON PLU=ON SHAH PANKAJ?/AU, IN
L2 0 SEA ABB=ON PLU=ON SHAH PB?/AU, IN
L3 76 SEA ABB=ON PLU=ON SHAH P B?/AU, IN
L4 156 SEA ABB=ON PLU=ON (L1 OR L2 OR L3)
L5 674 SEA ABB=ON PLU=ON FIELD EMITTER TIP
L6 0 SEA ABB=ON PLU=ON L4 AND L5
L7 3 SEA ABB=ON PLU=ON L5 AND (ICP OR INDUCTIVELY COUPLED OR
COUPLED PLASMA OR PLASMA(2A) INDUC#####)
SEL PLU=ON L7 1- RN CC : 14 TERMS
L9 1955015 SEA ABB=ON PLU=ON L8
L10 3 SEA ABB=ON PLU=ON L7 AND L9
D ALL HITSTR 1-2
D ALL 3
L11 3 SEA ABB=ON PLU=ON L4 AND FIELD EMITTER
L12 3 SEA ABB=ON PLU=ON L11 AND (TIP OR TIPP#####)

02dec04 16:56:13 User259284 Session D2988.4

SYSTEM:OS - DIALOG OneSearch
File 6:NTIS 1964-2004/Nov W3
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File 94:JICST-EPlus 1985-2004/Oct W4
(c) Japan Science and Tech Corp(JST)
File 35:Dissertation Abs Online 1861-2004/Nov
(c) ProQuest Info&Learning

Set	Items	Description
S1	451	(3 OR 3A OR 3B OR III???) (1W) NITRIDE??
S2	63	S1 AND (RIE OR ETCH?????)
S3	13	S2 AND (ICP OR INDUC????? (2N) PLASMA??)
S4	1	S3 AND EMITTER? ?
S5	0	S3 AND FIELD(2N) (EMIS?????? OR EMIT?????? OR SEMICONDUCT??- ???)
S6	0	S3 AND TIP??????
S7	0	S3 AND DEEP??????
S8	6	S3 AND ANISOTROP?
S9	0	S3 AND ISOTROP?
S10	6	S8 NOT S4
S11	0	S10/2004-2005

02dec04 16:42:24 User259284 Session D2988.3

File 2:INSPEC 1969-2004/Nov W3
 (c) Institution of Electrical Engineers

Set	Items	Description
S1	507	GROUP() (3 OR 3A OR 3B OR III) (1W) NITRIDE??
S2	1500	(3 OR 3A OR 3B OR III) (1W) NITRIDE??
S3	3515	CI=(B BIN(S)N BIN)
S4	6651	CI=(AL BIN(S)N BIN)
S5	15145	CI=(GA BIN(S)N BIN)
S6	999	CI=(IN BIN(S)N BIN)
S7	2259	CI=(IN SS(S)N SS) (S)NE=2
S8	3403	CI=(IN SS(S)N SS) (S)NE=3
S9	9119	CI=(GA SS(S)N SS) (S)NE=3
S10	6925	CI=(GA SS(S)N SS) (S)NE=2
S11	347	CI=(B SS(S)N SS) (S)NE=2
S12	1395	CI=(B SS(S)N SS) (S)NE=3
S13	5924	CI=(AL SS(S)N SS) (S)NE=3
S14	3475	CI=(AL SS(S)N SS) (S)NE=2
S15	9789	ICP OR PLASMA???? (2N) INDUC???????
S16	29815	S1:S14
S17	331	15AND16
S18	16001	RIE OR (DRY OR REACT????? OR ION??) (2N) ETCH???????
S19	603	S16 AND S18
S20	96	17AND19
S21	28241	EMITTER?
S22	7011	SEMICONDUCT???? (4N) FIELD
S23	18212	(EMIS????? OR EMIT??????) (4N) FIELD
S24	8	S20 AND S21:S23
S25	903517	TIP OR TIPS OR TIPIP????? OR SHARP?????? OR APEX????? OR PO- INT?????? OR MICROTIP? OR MICROPOINT? OR MICROAPEX? OR MICROS- HARP? OR MICRORESOL? OR SHAP????? OR MICROSHAP?
S26	312783	PATTERN?????? OR MICROPATTERN???????
S27	123120	CURVATURE?? OR RADIUS?? OR RADII OR RADIAL???? (2N) CURV????- ?????
S28	3	S24 AND S25
S29	1	S24 AND S26
S30	1	S24 AND S27
S31	8	S24 OR S28:S30
S32	2	S31 AND (RESIST?? OR PHOTORESIST? OR PHOTOMASK? OR MASK???- ???)
S33	8	S24 OR S28:S32
S34	3	S33/2004-2005
S35	5	S33 NOT S34
S36	0	S1:S14 AND FIELD()EMITTER()TIP??
S37	48	S1:S14 AND FIELD()EMITTER??
S38	24	S37 AND S25:S27
S39	0	S37 AND DEEP?????
S40	1	S38 AND S18
S41	1	S38 AND S15
S42	0	S40:S41 NOT S34
S43	1	S40:S41 NOT S35

FILE 'HCAPLUS' ENTERED AT 17:11:00 ON 02 DEC 2004

E ICP/CT
 E E4+ALL/CT
 E INDUCTIVELY COUPLED PLASMA/CT
 E E3+ALL/CT

L1 49633 SEA ABB=ON PLU=ON "INDUCTIVELY COUPLED PLASMA"/CT OR
 ("MAGNETIC INDUCTION"/CT AND PLASMA) OR ICP OR INDUC##### (3A) PL
 ASMA
 L2 605774 SEA ABB=ON PLU=ON RIE OR ETCH##### OR DRY
 L3 2619 SEA ABB=ON PLU=ON L1 AND L2

FILE 'REGISTRY' ENTERED AT 17:13:13 ON 02 DEC 2004

L4 9910 SEA ABB=ON PLU=ON NITRIDE AND (B OR GA OR AL OR IN)/MAC,ELS

FILE 'HCAPLUS' ENTERED AT 17:13:25 ON 02 DEC 2004

E IIIA
 E IIIA/CT

L5 5515 SEA ABB=ON PLU=ON (3A OR 3B OR III### OR 3) (3A) NITRIDE
 L6 163 SEA ABB=ON PLU=ON L3 AND (L4 OR L5)
 L7 3 SEA ABB=ON PLU=ON L6 AND EMITTER
 L8 3 SEA ABB=ON PLU=ON L6 AND (SEMICOND##### OR FIELD) (3A) EMI#####
 ##
 L9 5 SEA ABB=ON PLU=ON (L7 OR L8)
 L10 1 SEA ABB=ON PLU=ON L6 AND (DEEP##### OR ANISOTROP##### OR
 ISOTROP#####) (8A) (TIP OR TIPP##### OR MICROTIP? OR APEX OR
 SHAP##### OR POINT##### OR SHARP##### OR MICROPOINT? OR
 MICROSHAP?)
 L11 0 SEA ABB=ON PLU=ON L6 AND (RADII OR RADIUS OR RADIAL#####) (4A)
 (CURV##### OR SHAP##### OR RESOL##### OR MU OR MUM OR MICRON
 OR NM)
 L12 0 SEA ABB=ON PLU=ON L6 AND CURVATURE
 D L9 ALL HITSTR TOT
 L13 270 SEA ABB=ON PLU=ON FIELD EMITTER TIP
 L14 59 SEA ABB=ON PLU=ON SEMICONDUCT##### (2A) FIELD EMITTER
 L15 327 SEA ABB=ON PLU=ON (L13 OR L14)
 L16 0 SEA ABB=ON PLU=ON L6 AND L15
 L17 1 SEA ABB=ON PLU=ON (L1 OR RIE OR DRY (2A) ETCH#####) AND (L3
 OR L4) AND (L13 OR L14)
 L18 1 SEA ABB=ON PLU=ON L10 NOT L9
 L19 2 SEA ABB=ON PLU=ON (L17 OR L18) NOT L9
 D ALL HITSTR TOT
 L20 0 SEA ABB=ON PLU=ON L6 AND PATTERN##### (8A) SHAP#####

FILE 'JAPIO, WPIX, DISSABS' ENTERED AT 17:35:20 ON 02 DEC 2004

L21 69 SEA ABB=ON PLU=ON FIELD EMITTER TIP
 L22 0 SEA ABB=ON PLU=ON FIELD EMITTER MICROTIP
 L23 1 SEA ABB=ON PLU=ON FIELD EMITTER MICRO TIP
 L24 40 SEA ABB=ON PLU=ON FIELD EMITTER (8A) (RIE OR ETCH#####)
 L25 0 SEA ABB=ON PLU=ON (L21 OR L22 OR L23 OR L24) AND (ICP OR
 (INDUC##### (2A) COUPL##### AND COUPL##### (4A) PLASMA))
 L26 18 SEA ABB=ON PLU=ON FIELD EMITTER (9A) (ICP OR PLASMA)
 L27 0 SEA ABB=ON PLU=ON (L21 OR L22 OR L23 OR L24 OR L25 OR L26)
 AND (3A OR 3B OR 3 OR III###) (3A) NITRIDE